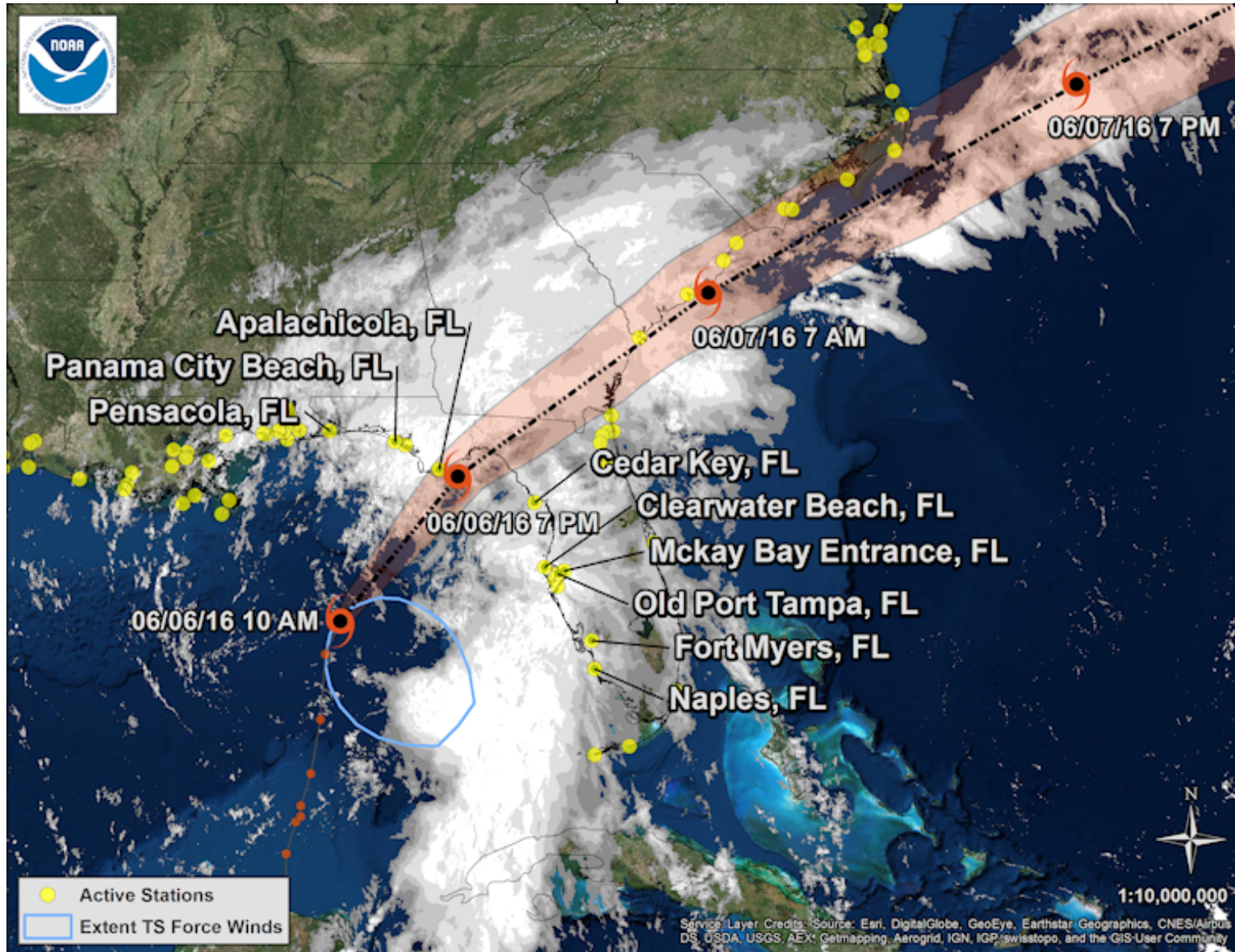




# Tropical Storm COLIN QuickLook Posted: 11:00 CDT 06/06/2016

## NOAA and NOAA Partnership Stations Relative to the Storm



## Storm Analysis

As of 06/06/2016 11:00 CDT, water levels along the Gulf Coast of Florida are running from 1 to 2.25 feet above tidal predictions. Winds speeds along the west coast of Florida range between 10 and 20 knots with some gusts over 30 knots. Barometric pressure continues to fall across the region.

Water Level and Meteorological plots available below are updated automatically. A line denoting Mean Higher High Water (MHHW) is displayed to provide an approximate indication of when flooding inundation may occur.

For additional data, please see the Center for Operational Oceanographic Products & Services website. For more information or archived products and reports, please see the Storm QuickLook Homepage.

Analyst: CRD / KLO

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SELECT NATIONAL HURRICANE CENTER ADVISORY INFORMATION: BULLETIN TROPICAL STORM COLIN ADVISORY NUMBER 5  
NWS NATIONAL HURRICANE CENTER MIAMI FL  
1000 AM CDT MON JUN 06 2016

...RAIN AND GUSTY WINDS BEGINNING TO REACH THE WEST COAST OF FLORIDA...

#### SUMMARY OF 1000 AM CDT INFORMATION

##### ----- LOCATION:

ABOUT 285 MI WSW OF TAMPA FLORIDA  
ABOUT 225 MI SW OF APALACHICOLA FLORIDA  
MAXIMUM SUSTAINED WINDS...50 MPH  
PRESENT MOVEMENT...NNE AT 16 MPH  
MINIMUM CENTRAL PRESSURE...1004 MB

#### WATCHES AND WARNINGS

##### ----- CHANGES WITH THIS ADVISORY:

The Tropical Storm Watch from North of Altamaha Sound to South Santee River has been changed to a Tropical Storm Warning.

#### SUMMARY OF WATCHES AND WARNINGS IN EFFECT:

A Tropical Storm Warning is in effect for...

- \* Indian Pass to Englewood
- \* Sebastian Inlet Florida to South Santee River South Carolina

A Tropical Storm Warning means that tropical storm conditions are expected somewhere within the warning area, in this case within 24 hours.

A Tropical Storm Watch means that tropical storm conditions are possible within the watch area, in this case within 36 to 48 hours.

Interests elsewhere along the southeastern coast of the United States should monitor the progress of Colin. Additional warnings and watches may be required for parts of this area later this morning.

For storm information specific to your area, including possible inland watches and warnings, please monitor products issued by your local National Weather Service forecast office.

## DISCUSSION AND 48-HOUR OUTLOOK

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At 1000 AM CDT, the center of Tropical Storm Colin was estimated near latitude 27.0 North, longitude 87.0 West. Colin is moving toward the north-northeast near 16 mph. A turn toward the northeast with an increase in forward speed is expected this afternoon. A rapid northeastward motion is expected tonight and Tuesday. On this track, the center of Colin is forecast to approach the coast of the Florida Big Bend area late this afternoon or evening, move across portions of Florida and southeastern Georgia early Tuesday morning, and move near the southeastern coast of the United States later on Tuesday.

Maximum sustained winds are near 50 mph with higher gusts. Little change in strength is forecast during the next couple of days.

Tropical-storm-force winds extend outward up to 230 miles to the southeast of the center.

The estimated minimum central pressure is 1004 mb.

## HAZARDS AFFECTING LAND

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RAINFALL: Colin is expected to produce rainfall amounts of 3 to 5 inches with isolated maximum totals of 8 inches possible across the northeastern Yucatan peninsula, western Cuba, western to northern Florida, southeastern Georgia, and coastal areas of the Carolinas through Tuesday.

STORM SURGE: The combination of a storm surge and the tide will cause normally dry areas near the coast to be flooded by rising waters. The water could reach the following heights above ground if the peak surge occurs at the time of high tide...

Indian Pass to Tampa Bay...1 to 3 ft with slightly higher amounts possible in a few locations.

Tampa Bay south to Florida Bay...1 to 2 ft.

Localized coastal flooding and dangerous surf are possible along the Atlantic coast from Florida to South Carolina within the tropical storm warning area.

The deepest water will occur along the immediate coast. Surge-related flooding depends on the relative timing of the surge and the tidal cycle, and can vary greatly over short distances. For information specific to your area, please see products issued by your local National Weather Service forecast office.

WIND: Tropical storm conditions are expected to first reach the

Gulf coast within the warning area this afternoon, and the Atlantic coast within the warning area by early Tuesday.

TORNADOES: A few tornadoes are possible today and tonight across portions of Florida and far southern Georgia.

#### NEXT ADVISORY

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Next intermediate advisory at 100 PM CDT.

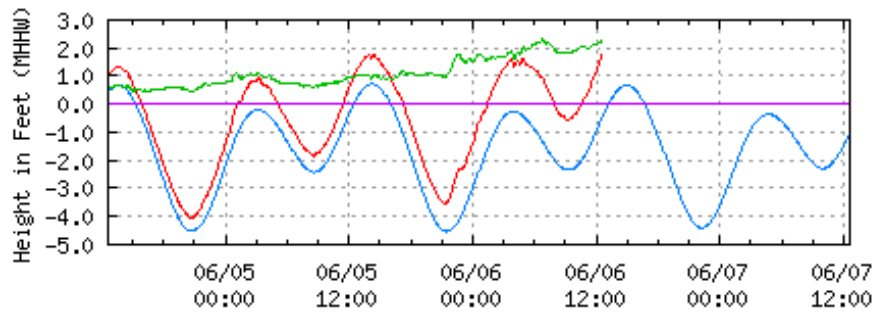
Next complete advisory at 400 PM CDT.

Forecaster Brown

For the purpose of timely release, data contained within this QuickLook have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

Jump to: [Cedar Key - Water Level](#), [Cedar Key - Winds](#), [Cedar Key - Barometric](#), [Clearwater Beach - Water Level](#), [Clearwater Beach - Winds](#), [Clearwater Beach - Barometric](#), [Mckay Bay Entrance - Water Level](#), [Old Port Tampa - Water Level](#), [Old Port Tampa - Winds](#), [Old Port Tampa - Barometric](#), [Fort Myers - Water Level](#), [Fort Myers - Winds](#), [Naples - Water Level](#), [Naples - Barometric](#), [Apalachicola - Water Level](#), [Apalachicola - Winds](#), [Apalachicola - Barometric](#), [Panama City Beach - Water Level](#), [Panama City Beach - Winds](#), [Panama City Beach - Barometric](#), [Pensacola - Water Level](#), [Pensacola - Winds](#)

NOAA/NOS/CO-OPS 8727520 Cedar Key, FL  
Preliminary Water Level, relative to Mean Higher High Water (MHHW)



Predicted Tide — (Obs-Pred) —  
Observed WL — MHHW —

Last Observed Sample: 06/06/2016 12:30 (EDT). Data relative to MHHW

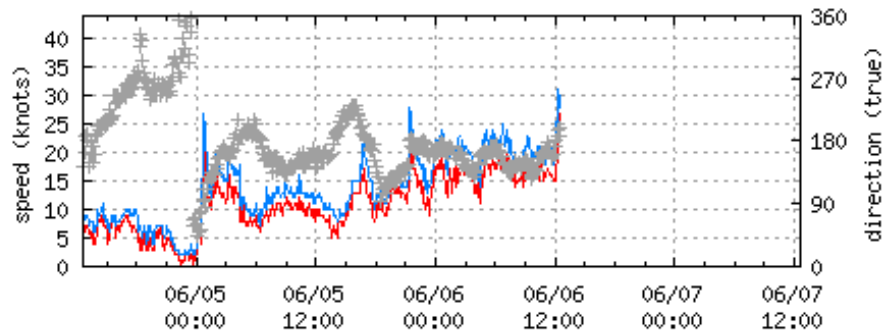
Observed: 1.75 ft. Predicted: -0.52 ft. Residual: 2.27 ft.

Historical Maximum Water Level: Oct 7 1996, 5.15 ft.

Next High Tide: 06/06/2016 14:57 (EDT), 0.67 ft.

NOAA/NOS/CO-OPS 8727520 Cedar Key, FL

Wind Speed / Gusts / Direction

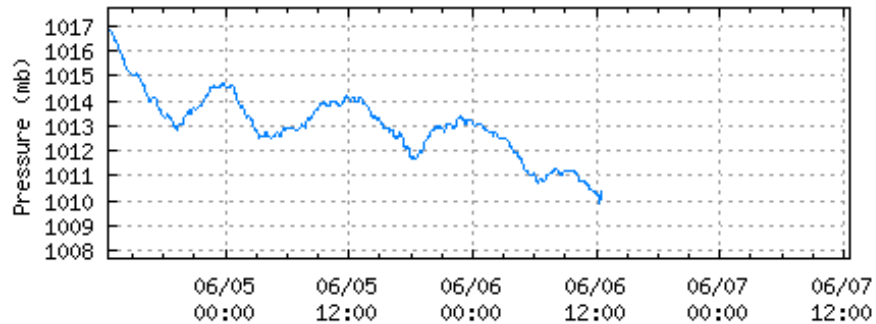


speed — gusts — direction +

Last Observed Sample: 06/06/2016 12:30 (EDT)

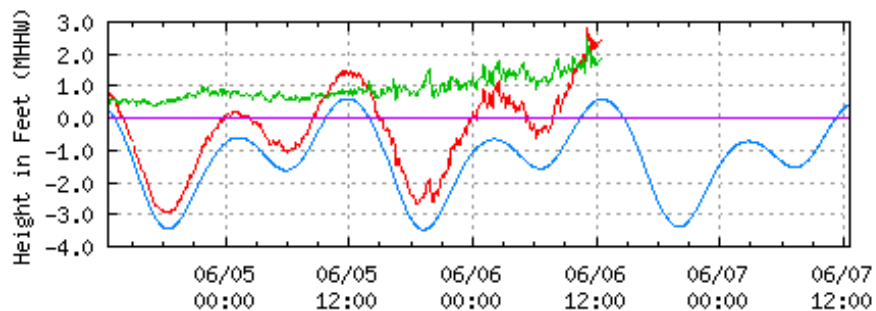
Wind Speed: 23 knots Gusts: 29 knots Direction: 187° T

NOAA/NOS/CO-OPS 8727520 Cedar Key, FL  
Barometric Pressure



barometric pressure —  
Last Observed Sample: 06/06/2016 12:30 (EDT)  
Barometric Pressure: 1010.4 mb

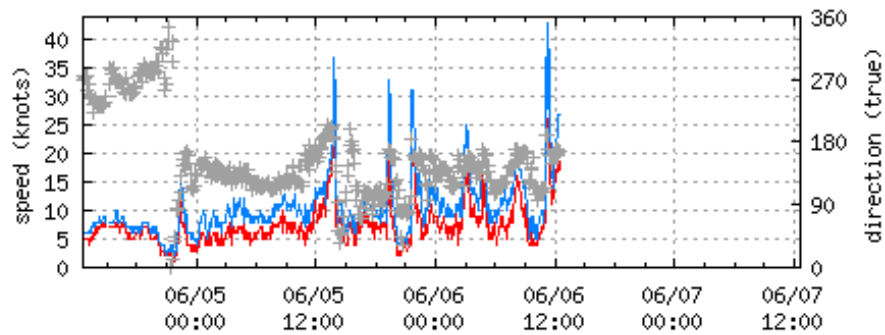
NOAA/NOS/CO-OPS 8726724 Clearwater Beach, FL  
Preliminary Water Level, relative to Mean Higher High Water (MHHW)



Predicted Tide — (Obs-Pred) —  
Observed WL — MHHW —

Last Observed Sample: 06/06/2016 12:24 (EDT). Data relative to MHHW  
Observed: 2.44 ft. Predicted: 0.58 ft. Residual: 1.86 ft.  
Historical Maximum Water Level: Mar 13 1993, 4.00 ft.  
Next High Tide: 06/06/2016 12:32 (EDT), 0.58 ft.

NOAA/NOS/CO-OPS 8726724 Clearwater Beach, FL  
Wind Speed / Gusts / Direction

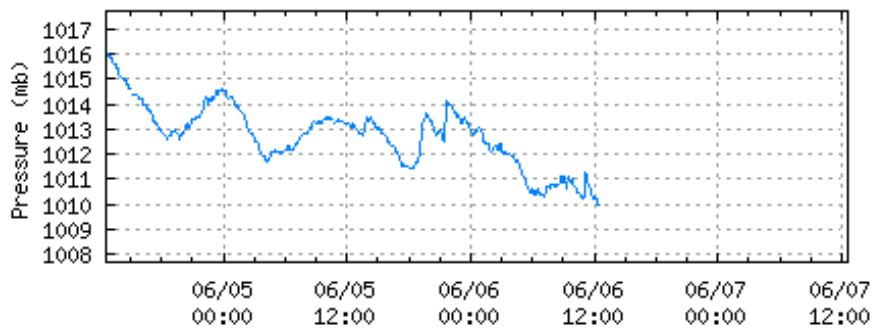


speed — gusts — direction +

Last Observed Sample: 06/06/2016 12:24 (EDT)

Wind Speed: 17 knots Gusts: 27 knots Direction: 166° T

NOAA/NOS/CO-OPS 8726724 Clearwater Beach, FL  
Barometric Pressure

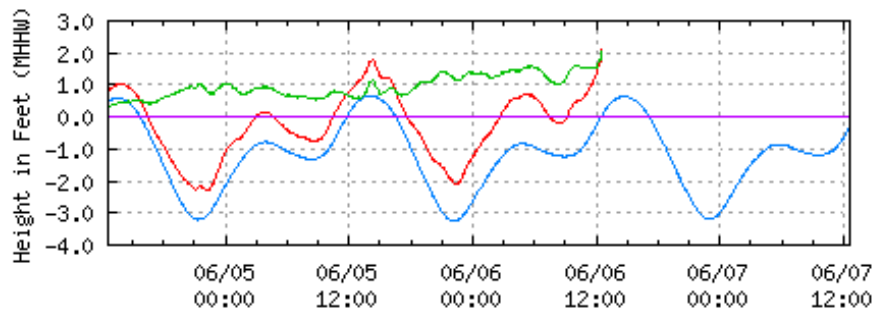


barometric pressure —

Last Observed Sample: 06/06/2016 12:24 (EDT)

Barometric Pressure: 1010.0 mb

NOAA/NOS/CO-OPS 8726667 Mckay Bay Entrance, FL  
Preliminary Water Level, relative to Mean Higher High Water(MHHW)



Predicted Tide — (Obs-Pred) —  
Observed WL — MHHW —

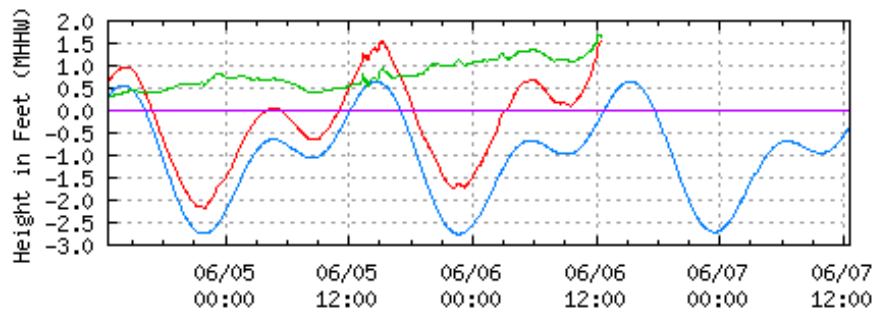
Last Observed Sample: 06/06/2016 12:30 (EDT). Data relative to MHHW

Observed: 2.08 ft. Predicted: 0.04 ft. Residual: 2.04 ft.

Historical Maximum Water Level: Oct 8 1996, 4.32 ft.

Next High Tide: 06/06/2016 14:41 (EDT), 0.64 ft.

NOAA/NOS/CO-OPS 8726607 Old Port Tampa, FL  
Preliminary Water Level, relative to Mean Higher High Water(MHHW)



Predicted Tide — (Obs-Pred) —  
Observed WL — MHHW —

Last Observed Sample: 06/06/2016 12:30 (EDT). Data relative to MHHW

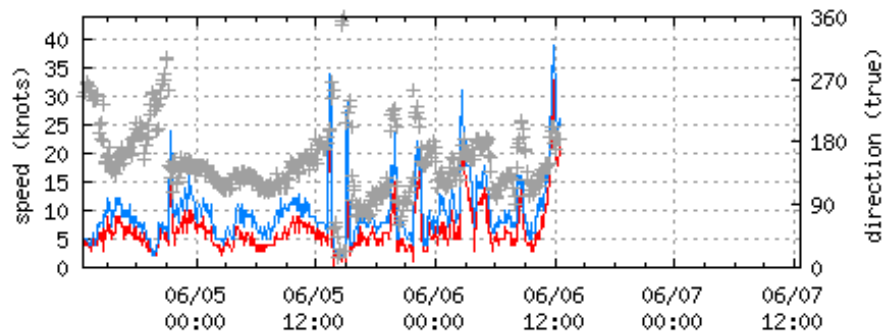
Observed: 1.55 ft. Predicted: -0.09 ft. Residual: 1.64 ft.

Historical Maximum Water Level: Oct 8 1996, 3.60 ft.

Next High Tide: 06/06/2016 15:19 (EDT), 0.65 ft.



NOAA/NOS/CO-OPS 8726607 Old Port Tampa, FL  
Wind Speed / Gusts / Direction

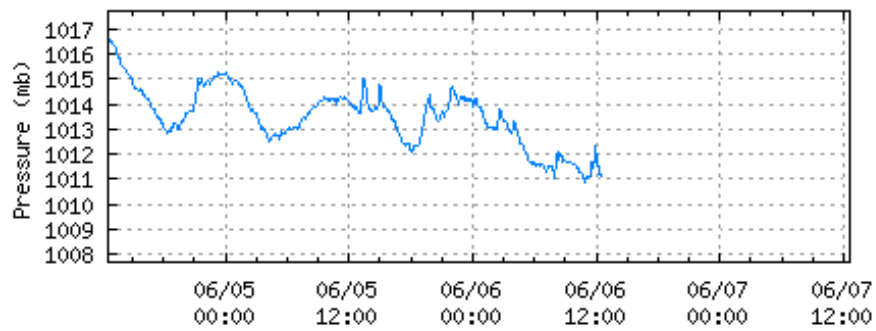


speed — gusts — direction +

Last Observed Sample: 06/06/2016 12:30 (EDT)

Wind Speed: 21 knots Gusts: 25 knots Direction: 183° T

NOAA/NOS/CO-OPS 8726607 Old Port Tampa, FL  
Barometric Pressure

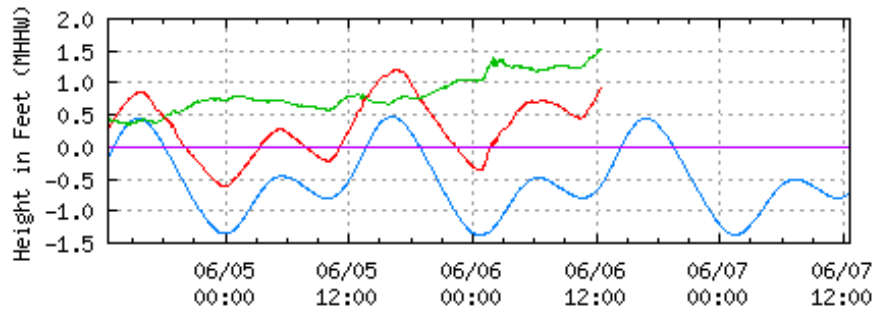


barometric pressure —

Last Observed Sample: 06/06/2016 12:30 (EDT)

Barometric Pressure: 1011.2 mb

NOAA/NOS/CO-OPS 8725520 Fort Myers, FL  
Preliminary Water Level, relative to Mean Higher High Water(MHHW)



Predicted Tide — (Obs-Pred) —  
Observed WL — MHHW —

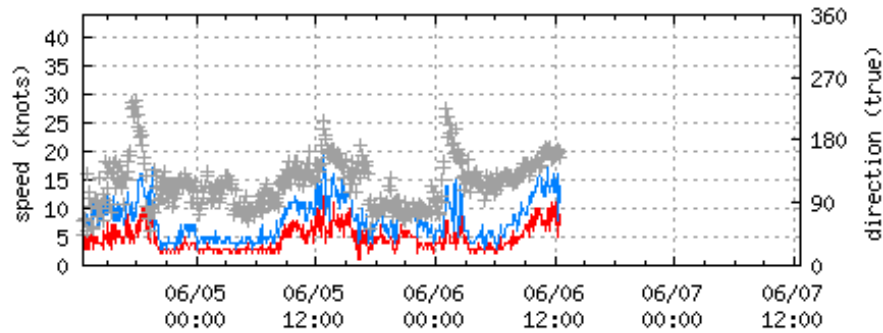
Last Observed Sample: 06/06/2016 12:30 (EDT). Data relative to MHHW

Observed: 0.93 ft. Predicted: -0.59 ft. Residual: 1.52 ft.

Historical Maximum Water Level: Nov 23 1988, 3.41 ft.

Next High Tide: 06/06/2016 16:50 (EDT), 0.45 ft.

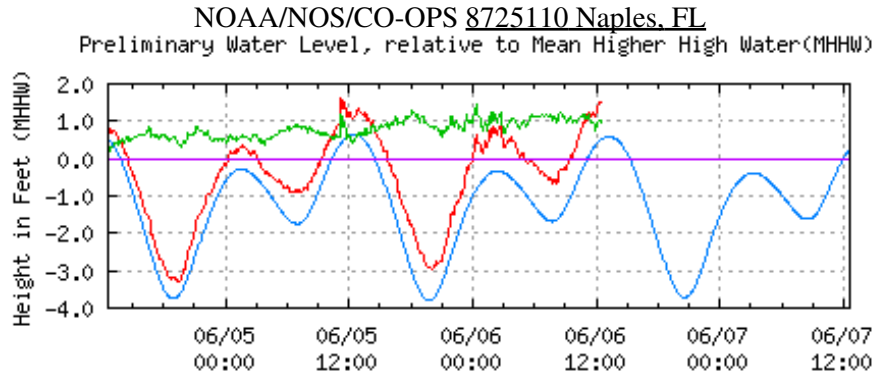
NOAA/NOS/CO-OPS 8725520 Fort Myers, FL  
Wind Speed / Gusts / Direction



speed — gusts — direction +

Last Observed Sample: 06/06/2016 12:30 (EDT)

Wind Speed: 8 knots Gusts: 14 knots Direction: 155° T



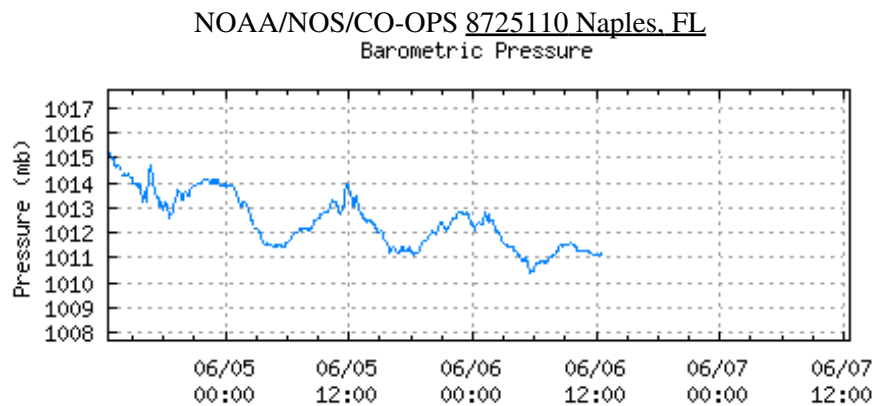
Predicted Tide — (Obs-Pred) —  
Observed WL — MHHW —

Last Observed Sample: 06/06/2016 12:30 (EDT). Data relative to MHHW

Observed: 1.51 ft. Predicted: 0.52 ft. Residual: 0.99 ft.

Historical Maximum Water Level: Dec 21 1972, 3.11 ft.

Next High Tide: 06/06/2016 13:13 (EDT), 0.58 ft.

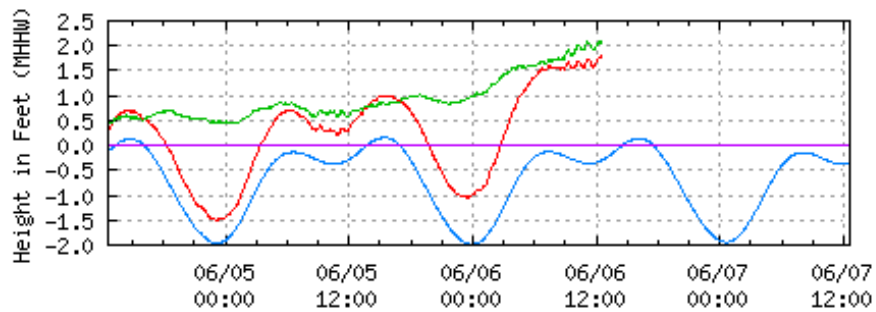


barometric pressure —

Last Observed Sample: 06/06/2016 12:30 (EDT)

Barometric Pressure: 1011.1 mb

NOAA/NOS/CO-OPS 8728690 Apalachicola, FL  
Preliminary Water Level, relative to Mean Higher High Water(MHHW)



Predicted Tide — (Obs-Pred) —  
Observed WL — MHHW —

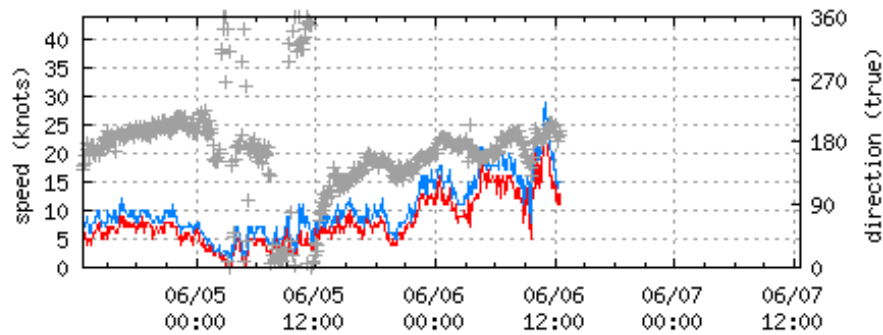
Last Observed Sample: 06/06/2016 12:30 (EDT). Data relative to MHHW

Observed: 1.82 ft. Predicted: -0.29 ft. Residual: 2.11 ft.

Historical Maximum Water Level: Jul 10 2005, 6.43 ft.

Next High Tide: 06/06/2016 16:09 (EDT), 0.14 ft.

NOAA/NOS/CO-OPS 8728690 Apalachicola, FL  
Wind Speed / Gusts / Direction

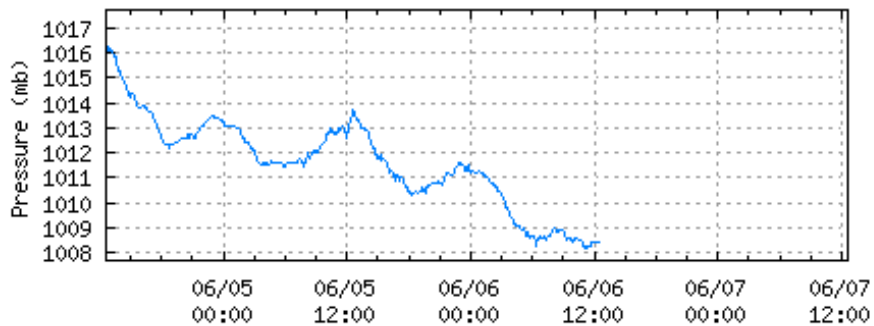


speed — gusts — direction +

Last Observed Sample: 06/06/2016 12:30 (EDT)

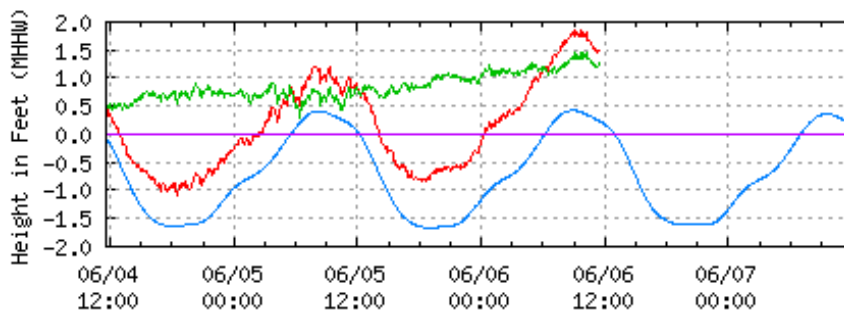
Wind Speed: 11 knots Gusts: 15 knots Direction: 196° T

NOAA/NOS/CO-OPS 8728690 Apalachicola, FL  
Barometric Pressure



barometric pressure —  
Last Observed Sample: 06/06/2016 12:30 (EDT)  
Barometric Pressure: 1008.4 mb

NOAA/NOS/CO-OPS 8729210 Panama City Beach, FL  
Preliminary Water Level, relative to Mean Higher High Water (MHHW)



Predicted Tide — (Obs-Pred) —  
Observed WL — MHHW —

Last Observed Sample: 06/06/2016 11:30 (CDT). Data relative to MHHW

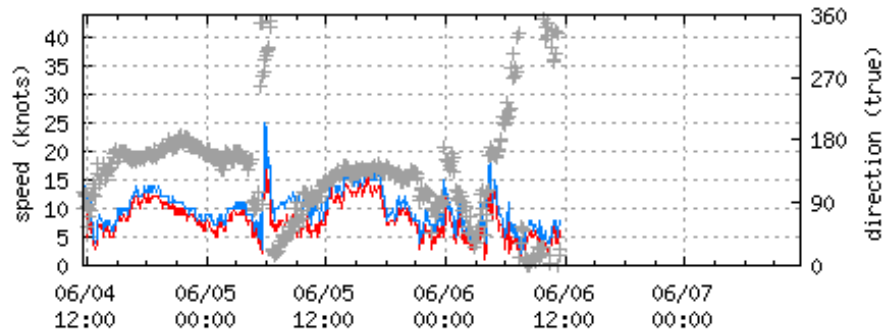
Observed: 1.49 ft. Predicted: 0.23 ft. Residual: 1.26 ft.

Historical Maximum Water Level: Oct 4 1995, 6.84 ft.

Next High Tide: 06/07/2016 09:33 (CDT), 0.36 ft.

NOAA/NOS/CO-OPS 8729210 Panama City Beach, FL

Wind Speed / Gusts / Direction



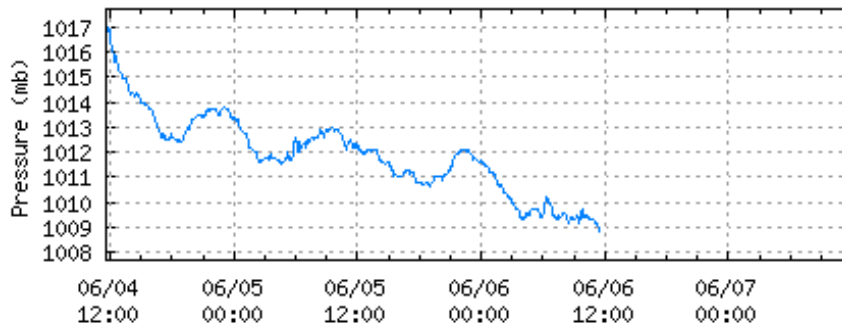
speed — gusts — direction +

Last Observed Sample: 06/06/2016 11:30 (CDT)

Wind Speed: 5 knots Gusts: 8 knots Direction: 23° T

NOAA/NOS/CO-OPS 8729210 Panama City Beach, FL

Barometric Pressure

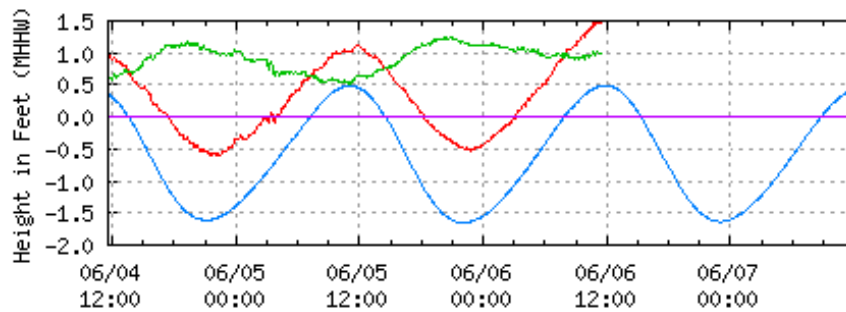


barometric pressure —

Last Observed Sample: 06/06/2016 11:30 (CDT)

Barometric Pressure: 1008.8 mb

NOAA/NOS/CO-OPS 8729840 Pensacola, FL  
Preliminary Water Level, relative to Mean Higher High Water(MHHW)



Predicted Tide — (Obs-Pred) —  
Observed WL — MHHW —

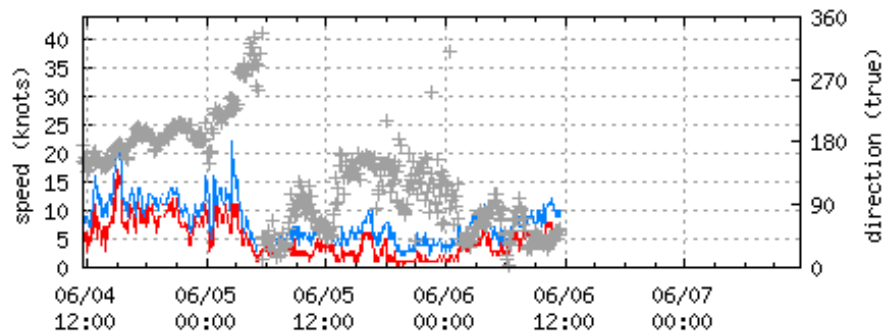
Last Observed Sample: 06/06/2016 11:30 (CDT). Data relative to MHHW

Observed: 1.48 ft. Predicted: 0.48 ft. Residual: 1.00 ft.

Historical Maximum Water Level: Sep 18 1926, 7.41 ft.

Next High Tide: 06/06/2016 11:50 (CDT), 0.49 ft.

NOAA/NOS/CO-OPS 8729840 Pensacola, FL  
Wind Speed / Gusts / Direction



speed — gusts — direction +

Last Observed Sample: 06/06/2016 11:30 (CDT)

Wind Speed: 6 knots Gusts: 10 knots Direction: 55° T

Latest Water Level Observations on MHHW

Station ID	Station Name	Date/Time	Observed Water Level	Predicted Tide	Residual Water Level	24 Hour Maximum Storm Tide
8727520	Cedar Key, FL	06/06/2016 12:30 (EDT)	1.75 ft	-0.52 ft	2.27 ft	1.77 ft
8726724	Clearwater Beach, FL	06/06/2016 12:24 (EDT)	2.44 ft	0.58 ft	1.86 ft	2.81 ft
8726667	Mckay Bay Entrance, FL	06/06/2016 12:30 (EDT)	2.08 ft	0.04 ft	2.04 ft	2.08 ft
8726607	Old Port Tampa, FL	06/06/2016 12:30 (EDT)	1.55 ft	-0.09 ft	1.64 ft	1.56 ft
8725520	Fort Myers, FL	06/06/2016 12:30 (EDT)	0.93 ft	-0.59 ft	1.52 ft	1.21 ft
8725110	Naples, FL	06/06/2016 12:30 (EDT)	1.51 ft	0.52 ft	0.99 ft	1.52 ft
8728690	Apalachicola, FL	06/06/2016 12:30 (EDT)	1.82 ft	-0.29 ft	2.11 ft	1.82 ft
8729210	Panama City Beach, FL	06/06/2016 11:30 (CDT)	1.49 ft	0.23 ft	1.26 ft	1.87 ft
8729840	Pensacola, FL	06/06/2016 11:30 (CDT)	1.48 ft	0.48 ft	1.00 ft	1.49 ft

Center for Operational Oceanographic Products & Services (CO-OPS) | National Ocean Service (NOS)  
National Oceanic and Atmospheric Administration | U.S. Department of Commerce